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SHEET 1 OF 4

FORM PTO-1448 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 706700-999187 (Formerly 11090-073-999)	APPLICATION NO. 10/801,340
LIST OF REFERENCES CITED BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT Blais et al.	
	FILING DATE March 15, 2004	GROUP 2811

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
Loke	AA	US 5,917,322	06/1999	Gershenfeld et al.	324	307	10/08/1996
Loke	AB	US 6,128,764	10/2000	Gottesman	714	785	02/06/1998
Loke	AC	US 6,317,766	11/2001	Grover	708	400	11/02/1998
Loke	AD	US 6,459,097 B1	10/2002	Zagoskin	257	31	01/07/2000
Loke	AE	US 6,504,172 B2	01/2003	Zagoskin et al.	257	14	03/16/2001
Loke	AF	US 6,563,311 B2	05/2003	Zagoskin	324	248	05/14/2001
Loke	AG	US 6,605,822 B1	08/2003	Blais et al.	257	34	04/12/2002
Loke	AH	US 6,670,630	12/2003	Blais et al.	257	33	
Loke	AI	US 6,614,047 B2	09/2003	Tzalenchuk et al.	257	34	12/17/2001
Loke	AJ	US 2002/0188578 A1	12/2002	Amin et al.	706	15	06/01/2001
Loke	AK	US 2003/0193097 A1	10/2003	Il'ichev et al.	257	E27	04/26/2002
Loke	AL	US 2003/0224944 A1	12/2003	Il'ichev et al.	505	170	12/16/2002
Loke	AM	US 2004/0012407	01/2004	Amin et al.	326	3	
Loke	AN	10/419,024		Blais et al.			04/17/2003
Loke	AO	10/798,737		Blais et al.			03/10/2004
Loke	AP	10/801,335		Blais et al.			03/15/2004
Loke	AQ	10/801,336		Blais et al.			03/15/2004
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Loke	AU	60/556,778		Hilton et al.			03/26/2004
Loke	AV	60/557,747		Amin et al.			03/29/2004
Loke	AW	60/557,750		Grajcar et al.			03/29/2004

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO

EXAMINER <i>Loke</i>	DATE CONSIDERED <i>9/27/04</i>
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SHEET 2 OF 4

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. 706700-999187 (Formerly 11090-073-989)	APPLICATION NO. 10/801,340
	APPLICANT Blais et al.	
	FILING DATE March 15, 2004	GROUP 2811

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
Loke	AX	W.A. Al-Saidi and D. Stroud, "Eigenstates of a small Josephson junction coupled to a resonant cavity", Physical Review B, 65, pp. 014512-1 to 014512-7 (2001).
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Loke	BA	A. Blais, "Quantum network optimization", Physical Review A, 64, pp. 022312-1 to 022312-5 (2001).
Loke	BB	G. Blatter, V.B. Geshkenbein, and L. Ioffe, "Design aspects of superconducting-phase quantum bits," Physical Review B, 63, pp. 174511-1 to 174511-9 (2001).
Loke	BC	D. Born, T. Wagner, W. Krech, U. Hubner, and L. Fritzsche, "Fabrication of ultrasmall tunnel junctions by electron beam direct-writing", IEEE Transactions on Applied Superconductivity, 11, pp. 373-376 (2001).
Loke	BD	O. Buisson and F.W.J. Hekking, "Entangled states in a Josephson charge qubit coupled to a superconducting resonator", arXiv.org:cond-mat/0008275 (2000), website last accessed on June 4, 2004.
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Loke	BG	D.P. DiVincenzo, "The physical implementation of quantum computation", arXiv.org:quant-ph/0002077 (2000), website last accessed on June 4, 2004.
Loke	BH	Economist, "Quantum Dreams", pp. 1-3 (March 8, 2001).
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Loke	BJ	J.R. Friedman, V. Patel, W. Chen, S.K. Tolpygo, and J.E. Lukens, "Quantum superposition of distinct macroscopic states", Nature, 406, pp. 43-46 (2000).
Loke	BK	L.K. Grover, "A fast quantum mechanical algorithm for database search", Proceedings of the 28th STOC, pp. 212-219 (1996).
Loke	BL	S. Han, Y. Yu, X. Chu, S.-I. Chu, and Z. Wang, "Time-resolved measurement of dissipation-induced decoherence in a Josephson junction", Science, 293, pp. 1457-1459 (2001).
Loke	BM	F.W.J. Hekking, O. Buisson, F. Balestro, and M.G. Vergniory, "Cooper Pair Box Coupled To a Current-Biased Josephson Junction", arXiv.org:cond-mat/0201284 (2002), website last accessed on June 4, 2004.
Loke	BN	X. Hu, R. de Sousa, and S. Das Sarma, "Decoherence and dephasing in spin-based solid state quantum computers", arXiv.org:cond-mat/0108339 (2001), website last accessed on June 4, 2004.
Loke	BO	P. Joyez, P. Lafarge, A. Filipe, D. Esteve, and M.H. Devoret, "Observation of parity-induced suppression of Josephson tunneling in the superconducting single electron transistor", Physical Review Letters, 72, pp. 2458-2462 (1994).
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Loke	BQ	Yu. Makhlin, G. Schön, and A. Shnirman, "Quantum-state engineering with Josephson-junction devices", Reviews of Modern Physics, 73, pp. 357-400 (2001).

EXAMINER <i>Loke</i>	DATE CONSIDERED <i>9/27/04</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. SFI-514853 v1	

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SHEET 3 OF 4

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 706700-999187 (Formerly 11090-073-999)	APPLICATION NO. 10/801,340
LIST OF REFERENCES CITED BY APPLICANT	APPLICANT Blais et al.	
(USE SEVERAL SHEETS IF NECESSARY)	FILING DATE March 15, 2004	GROUP 2811

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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Loke	BS	J. Martinis, S. Nam, J. Aumentado, and C. Urbina, "Rabi Oscillations in a Large Josephson-Junction Qubit", <i>Physical Review Letters</i> , 89, pp. 117901-117904 (2002).
Loke	BT	J.E. Mooij, T.P. Orlando, L. Levitov, L. Tian, C.H. van der Wal, and S. Lloyd, "Josephson persistent-current qubit", <i>Science</i> 285, pp. 1036-1039 (1999).
Loke	BU	Y. Nakamura, Yu.A. Pashkin, and J.S. Tsai, "Coherent control of macroscopic quantum states in a single-Cooper-pair box", <i>Nature</i> , 398, pp. 786-788 (1999).
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Loke	BW	F. Plastina and G. Falci, "Communicating Josephson qubits", <i>arXiv.org:cond-mat/0206586</i> (2002), website last accessed on June 4, 2004.
Loke	BX	P. Shor, "Polynomial-Time Algorithms for Prime Factorization and Discrete Logarithms on a Quantum Computer," <i>SIAM Journal of Computing</i> 26, pp. 1484-1499 (1997)
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Loke	BZ	C.H. van der Wal, A.C.J. ter Haar, F.K. Wilhelm, R.N. Schouten, C.J.P.M. Harmans, T.P. Orlando, S. Lloyd, and J.E. Mooij, "Quantum superposition of macroscopic persistent-current states", <i>Science</i> , 290, pp. 773-777 (2000).
Loke	CA	Y. Yu, S. Han, X. Chu, S.-I. Chu, and Z. Wang, "Coherent temporal oscillations of macroscopic quantum states in a Josephson junction", <i>Science</i> , 296, pp. 889-892 (2002).
Loke	CB	W.H. Zurek, "Decoherence and the transition from quantum to classical", <i>Physics Today</i> , 44, 10, pp. 36-44 (1991).
Loke	CC	Ulrich Weiss, <i>Quantum Dissipative Systems</i> , 2 nd edition, World Scientific Publishing Co. Pte. Ltd., front page, copyright page, pp. 164-174, 240-251, and 274-380 (1999).
Loke	CD	S. L. Braunstein and H.-K. Lo, eds., <i>Scalable Quantum Computers</i> , Wiley-VCH, front page, copyright page and pp. 1-13 (2001).
Loke	CE	DiVincenzo, D.P., 2000, "The Physical Implementation of Quantum Computation", <i>Fortschritte der Physik</i> 48, pp. 771-783, also published in Braunstein, S. L., and H.-K. Lo (eds.), 2000, <i>Scalable Quantum Computers</i> , Wiley-VCH, Berlin, ISBN 3-527-40321-3.
Loke	CF	Poyatos, J.F., J.I. Cirac, and P. Zoller, 2000, "Schemes of Quantum Computations with Trapped Ions," <i>Fortschritte der Physik</i> 48, pp. 785-799, also published in Braunstein, S. L., and H.-K. Lo (eds.), 2000, <i>Scalable Quantum Computers</i> , Wiley-VCH, Berlin, ISBN 3-527-40321-3.
Loke	CG	Grangier, P., G. Reymond, and N. Schlosser, 2000, "Implementations of Quantum Computing Using Cavity Quantum Electrodynamics," <i>Fortschritte der Physik</i> 48, pp. 859-874, also published in Braunstein, S. L., and H.-K. Lo (eds.), 2000, <i>Scalable Quantum Computers</i> , Wiley-VCH, Berlin, ISBN 3-527-40321-3.
Loke	CH	Cory, D.G., et al., 2000, "NMR Based Quantum Information Processing: Achievements and Prospects," <i>Fortschritte der Physik</i> 48, pp. 875-907, also published in Braunstein, S. L., and H.-K. Lo (eds.), 2000, <i>Scalable Quantum Computers</i> , Wiley-VCH, Berlin, ISBN 3-527-40321-3.
Loke	CI	Burkard, G., H.-A. Engel, and D. Loss, 2000, "Spintronics and Quantum Dots for Quantum Computing and Quantum Communication," <i>Fortschritte der Physik</i> 48, pp. 965-986, also published in Braunstein, S. L., and H.-K. Lo (eds.), 2000, <i>Scalable Quantum Computers</i> , Wiley-VCH, Berlin, ISBN 3-527-40321-3.

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SHEET 4 OF 4

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. 706700-999187 (Formerly 11090-073-999)	APPLICATION NO. 10/801,340
	APPLICANT Blais et al.	
	FILING DATE March 15, 2004	GROUP 2811

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
Loke	CJ	Kane, B.E., 2000, "Silicon-based Quantum Computation," Fortschritte der Physik 48, pp. 1023-1041, also published in Braunstein, S. L., and H.-K. Lo (eds.), 2000, <i>Scalable Quantum Computers</i> , Wiley-VCH, Berlin, ISBN 3-527-40321-3.
Loke	CK	Makhlin, Y., G. Schoen, and A. Shnirman, 2000, "Josephson-Junction Qubits," Fortschritte der Physik 48, pp. 1043-1054, also published in Braunstein, S. L., and H.-K. Lo (eds.), 2000, <i>Scalable Quantum Computers</i> , Wiley-VCH, Berlin, ISBN 3-527-40321-3.
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Loke	CM	Spiller, T.P., 2000, "Superconducting Circuits for Quantum Computing," Fortschritte der Physik 48, pp. 1075-1094, also published in Braunstein, S. L., and H.-K. Lo (eds.), 2000, <i>Scalable Quantum Computers</i> , Wiley-VCH, Berlin, ISBN 3-527-40321-3.
Loke	CN	Dykman, M.I., and P.M. Platzman, 2000, "Quantum Computing Using Electrons Floating on Liquid Helium," Fortschritte der Physik 48, pp. 1095-1108, also published in Braunstein, S. L., and H.-K. Lo (eds.), 2000, <i>Scalable Quantum Computers</i> , Wiley-VCH, Berlin, ISBN 3-527-40321-3.

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